

WHAT IS CLAIMED IS:

1. A liquid-crystal display apparatus comprising:  
a liquid-crystal display panel;  
means for supplying a primary color video signal, wherein  
a correction signal for canceling chrominance non-uniformity is  
superimposed on the primary color video signal; and  
means for supplying a common voltage.
2. A liquid-crystal display apparatus comprising:  
a liquid-crystal display panel;  
means for supplying a primary color video signal; and  
means for supplying a common voltage, wherein a correction  
signal for canceling chrominance non-uniformity is superimposed  
on the common voltage.
3. A three-panel liquid-crystal display projector  
comprising:  
a white light source;  
a color separation system for separating a white light  
from the white light source into color lights;  
a liquid-crystal display panel, supplied with a red video  
signal and a common voltage, for presenting a red video image;  
a liquid-crystal display panel, supplied with a green  
video signal and a common voltage, for presenting a green video

image;

a liquid-crystal display panel, supplied with a blue video signal and a common voltage, for presenting a blue video image, wherein one of the red, green and blue video images is projected in a left-side-right inverted orientation;

a color synthesis system for synthesizing the color video images; and

a lens system, wherein a chrominance non-uniformity correction signal is superimposed on the video signal which is supplied to the liquid-crystal display panel which projects the left-side-right inverted video image.

4. A three-panel liquid-crystal display projector comprising:

a white light source;

a color separation system for separating a white light from the white light source into color lights;

a liquid-crystal display panel, supplied with a red video signal and a common voltage, for presenting a red video image;

a liquid-crystal display panel, supplied with a green video signal and a common voltage, for presenting a green video image;

a liquid-crystal display panel, supplied with a blue video signal and a common voltage, for presenting a blue video image, wherein one of the red, green and blue video images is projected

in a left-side-right inverted orientation;

a color synthesis system for synthesizing the color video images; and

a lens system, wherein a chrominance non-uniformity correction signal is superimposed on the common voltage which is supplied to the liquid-crystal display panel which projects the left-side-right inverted video image.

5. A three-panel liquid-crystal display projector according to Claim 3, wherein the liquid-crystal display panel which projects the left-side-right inverted video image is the liquid-crystal display panel for presenting the green video image.

6. A three-panel liquid-crystal display projector according to Claim 4, wherein the liquid-crystal display panel which projects the left-side-right inverted video image is the liquid-crystal display panel for presenting the green video image.